

Washington

April 15th. 1834

My dear Lizzie:

A letter commenced to you has been lying on my table for a long time, but waiting in vain for me to get back to the state of leisure I thought myself in on commencing it - I've been haggling away in desperation for several months and it is only within a few weeks that I overcome a tough point in my studies. My letters from home speak of you from time to time, so that I keep some run of you. You, like so many, have taken the cold winter rather hard, I understand - I hope when Spring comes to you, as it has to us, you will improve. Miss Barney's death took me by surprise & ^{was} quite unlooked for, for I thought she had got entirely over her complaints & was strong again. Poor woman! she lived such a lonely life - yet feared death so much! You & I have many & many reminiscences of pleasant evenings spent in her room! I didn't like Foreman's notice of her in the Kant. Ing. He didn't tell anything like the truth - What is the use

of his saying that Miss Barney was universally beloved - when in truth a majority of her acquaintances disliked her on Nantucket & ridiculed her "Oldmaidish" whims continually. Those who had the good fortune to like her, really grew fast friends & forgot trifles which really disappeared before her other lovable qualities. Some people never get appreciated while living, their faults are so magnified, because in strong contrast with their better qualities. The idea of Mr Foreman saying that she always regarded death with calm resignation - when in truth it was her greatest weakness that she lived in continual dread of dying!

My letters from Nantucket have been full of ill news this winter. The severe cold terminated the lives of the old & sickly ones all round us.

Nant & I have been very comfortably housed this winter & have scarcely perceived the cold weather - We are about moving now to the house formerly occupied by Garrett Smith - now by Judge Cranch's family - we are to have the room which was Mr. Smith's library from which we have a fine view, the house being on the highest point in the City. I hardly expect to come North this season

- Shall you go to Nantucket this fall?

My last seasons work was full of success & the results are coming out finely tho' I have to work very hard on them.

I send a picture of the Contrivance I used at Smith's Pt. & South Shore of Nantucket. The draughtsman has represented the water in perspective, which was intended to be in section, otherwise it is correct.

I suppose Maria has written to you of Mother's sickness & how we have all been worried about her?

Do you interest yourself in the Crimea? I hope & pray Pres. Pierce is not going to get us into a war with Spain - but he is such a perfect tool in the hands of the South that I am afraid. If he waits for the next Congress he'll get snubbed - eh? Is your father a "know-nothing"? - Or is he as much opposed to enslaving foreigners as negroes?

Did you read Seward's speeches this winter? - He is the great man, I think "Woman's Rights has gone out like Paine's right", hasn't it? I don't hear anything of it now-a-days. "New lights often come through cracks in the tiling" In Washington Bloomer & Grimké have passed away and are among the legends of the Avenue -

Give my regards to Miss Lucy Chase when you
write

Nancy - Send her love to you - She often
talks to me about you in connection with
our Nantucket visit

Trag yrs.

H. Mitchell

April 1853

[about
manuscript
1043
Mitchell]

Santa Barbara, Cal.

7 April 97

To Miss M. E. Starbuck
Sec. Nant. Hist. Soc.

Dear Secretary:

I enclose a
type-writing copy of the story
which your brother mentioned.

I have prefixed a single
Clause of ~~preface~~ explana-
tion - to cover the want of plot
and sequence ⁱⁿ which one can
not discover from one hour's
real life. The reader may
speculate for himself - I give
all that I know to be true.

I used to give the name of
"Ann Castle" to the "woman
in the audience" - but always
with misgivings, so now that

I am putting my testimony
on record, I am afraid to
insert the name.

With regard to the hermit
found dead in his cabin
I remember nothing more ^{said of him.}

The year in which this
ghostly scene fell may have
been 1814 — My father was
born in 1791, and he spoke
of himself as a "young man"
in his story.

We are much indebted
to Mr. Henry Starbuck and his
very interesting wife for their
own kindness and for the good
will of all Santa Barbara —

Very Sincerely,
Henry Mitchell

ESTIMATES FOR *6 mos. expenses from*
July 1st., 1884.

Mr. J. E. HILGARD,

Superintendent U. S. Coast and Geodetic Survey,
 Washington, D. C.

Sir:

I respectfully submit the following estimate for *Expenses*
 required in the *Phys. & Geo.* party under my charge, viz:

Computer @ 125 per month	7 50 ⁰⁰
Rent of office inc. water rate	2 40 ⁰⁰
Janitor & extra service	53 ⁰⁰
Fuel	40 ⁰⁰
Subsistence of Chief of party	275
" " Asst. "	275
Office equipments	25 ⁰⁰
Transportation & additional	
Subsistence while traveling	100
	<hr/> 17 58

1500 to be charged to App. No. 13
 276 (maindine Subsistence) to No. 14
 Signed J. E. Hilgard
 Sup't

Henry Mitchell
 Asst. C. & G. S.

U. S. Coast and Geodetic Survey,

Boston

5 Oct 7, 1885.

Mr. B. A. Calonne
Capt. Chy. C. S. Office
Washⁿ. D. C.

Sir:

In accord with
Supdt. Instruction of 18 Sept. I
transmit the gross proceeds of a
sale of Sub Office equipments - find
enclosed my Chk. on N. E. Bank
for \$ $27\frac{87}{100}$ with schedule of sale.

The cost of this sale $\$5\frac{56}{100}$
will be transmitted on voucher of Leonard
& Co. ~~expenses~~

I comply with Supdt. Inst. - but
may remark that I can take up my own check
if desired on reaching Washⁿ as they prefer.

Henry Mitchell

Copy

U. S. Coast and Geodetic Survey,

Washⁿ. 28 Dec., 1885.

Dear Sir,

Please let
me know how much I paid
you on 5th Oct. According
to the footing of your bill
it was 11⁵⁵ - but this bill
is returned to me as wrongly
added up. It adds up
\$14⁵⁵ - Was this the amt.
I paid you or should I send
you \$3⁰⁰ more?

(Very Resp. Yrs.

Henry Mitchell

S. A. Harvard

Ex. Insp.

Roxbury

Mass.

On Jan^y 4/84 Sewer S. A. Howard
\$3 = diff. between amt. actually paid
and that found to be due after correcting
mistake in footing of bill.

Assistant Mitchell

Mr. Hergesheimer
has your projection in
hand - hopes to complete
it today - will have
it ready on Monday
"Whether or no".
Faint.

Am in dis tps
for want of this
25 Jan 1871
W. Mitchell

And, finally, I call your
attention with much pride to the
evidence of much studied economy
that pervades my accounts -

Please inform me if vouchers 38, 4
are disallowed by order of Supdt.?

W. Mitchell

They are JH

- Copy -

Give here full address which reply should be sent: _____

U. S. Coast and Geodetic Survey,

Washington D.C.

Jan 14 _____, 1880.

My dear Sir:

In reference to your Survey Subsistence I requested Dr. Porter to confer with the Comptroller who saw no objection to it but gave no written decision. So your voucher will be passed in with my approval. Hereafter you can continue the Survey Subsistence as usual.

Yrs. very truly

(Signed) C. P. Patterson

Henry Mitchell

Boston

Copy of Letter
from C. P. Patterson
in reply to me
raising the question
of C. S. Subsistence
while actually fed by
Miss. N. Commissem
(See letter book at C. S.
Office - no copy retained)

Apr 25 85
Prof. Henry Fisher
x x x

Dear Sir

Your estimate for expenses of
Phys. Hyd. appended finds under your charge for
gr. and? Jan 30 has been rec'd & approved

Yrs. Truly

J. L. Kellogg

Encls.

Apr. 29

Prof. Wm

U. S. G. Hobbs
N. Y.

I am not well and cannot come
Can you not come here tomorrow.

Signed J. L. Kellogg

Ct Dr Sullivan

Malden, Mass.

Nov 24 1885

Prof Henry Mitchell

U. S. C & G. Survey

My dear Professor.

Enclosed herewith you will please find the Original Abstract of the Computations Del. River, &c. which were in pencil and had become so faint that I did not think them in fit condition to be of any future use until inked in. Thus I have done so that the Manuscript can be filed away for reference with the Sections which I inked at the Office in Boston.

Thinking that I am entitled to pay at the former rate for this work I enclose also, a voucher for what I think is just a trust that you kindly will explain the matter to the Supt. if it is necessary as my instructions from him you will remember presupposed that my work would be done Oct 31st. I found it impracticable to put the papers in proper shape by that date or with less labor than I have expended; & "legged away", nevertheless notwithstanding
Very Sincerely Yours
J. A. Sullivan

Approved of vouchers
with certificate show amount
of work adequate to price.
J. M. Thorne
Supt.

Rec'd to
Referred to Supt.
for authority to
include voucher
in my Dec. acct.
T. Mitchell

Prof. Mitchell
B & C
12-8-'85

I respectfully recommend to Supt., that Mr.
Sullivan be allowed pay for the work done
on Asph. Mitchell's Certifying to vouchers and
that a letter to this effect be addressed
to Mr. Mitchell.
B & Colman

U. S. COAST AND GEODETIC SURVEY OFFICE,

Washington, March 1, 1886.

Prof Henry Mitchell
Asst. C. and G. S.

Dear Sir:-

As there appeared to be some uncertainty as to my status under instructions of May 28th 1885, the Superintendent by instructions to me dated January 5th, 1886 declared me to be a member of your party from October 15th, 1885 till detached by new instructions.

The vouchers therefore for subsistence which have been rendered to Mr George A. Bartlett through the Superintendent should have been rendered through you. The vouchers so rendered covered the period October 16 to November 30, 1885 at \$1⁰⁰ per day. These vouchers have not been returned to me, nor paid so far as I am aware nor has receipt of them been acknowledged. Assuming therefore that they have either miscarried or been destroyed and also assuming my status to be clearly defined by the Instructions of January 5th, 1886 I submit herewith vouchers for subsistence for the quarter ending Dec. 31, 1885, at \$1⁰⁰ per day.

Yours Very Respectfully
Marcus Baker

Asst. C. & G. S.

U.S. Coast and Geodetic Survey Office,
Washington, March 12⁷ 1886.

Henry Mitchell Esquire

Assistant U.S. Coast and Geodetic Survey,

The Superintendent directs me to inform you of suspensions and disallowances in your accounts made by the Hon. First Auditor of the Treasury under some of the following classifications and that these vouchers are now awaiting the action of the Honorable First Comptroller. viz:

"Party Expenses Coast and Geodetic Survey" - Jan'y. 1st 1884 to June 30

1885 (6 Quarters)

"Transcontinental work" July 1st 1884 to Mar. 31,

1885 (3 Quarters)

"General Expenses C. & G. Survey" Jan'y. 1st 1884 to Mar. 31,

1885 (5 Quarters)

"Points for State Surveys" to transport July 1st 1884 to June 30

1885 (4 Quarters)

These disallowances and suspensions are thus explained -

(1) "The following vouchers for traveling expenses are suspended for the 'Jurat' with the Seal of Officer administering the oath affixed, or if the officer is a Justice of the Peace, or other State

officer who has no Seal: the certificate of the proper officer
under seal certifying to the official capacity of the officer on
the date of the affidavit and that the said officer was authorized
to administer oaths generally."

(2) "disallowed as not chargeable to this particular appropriation"

(3) "Suspended for full explanation as to the necessity, and what
disposition has been made of same"

(4) "disallowed as an over charge for subsistence under either Par-
agraphs Nos. 57-60-72-73-74 or 75 - Laws & Regulations C. & G. Survey-
Subsistence is not chargeable while absent from duty: when travel-
ing only the actual expenses must be charged"

(5) "disallowed under Paragraph No. 67 - Laws & Regulations Coast &
Geodetic Survey"

(6) "disallowed as over charges under Paragraph No. 17 - Laws &
Regulations"

(7) "as disallowed under Paragraph No. 72 (for Aids)-Laws & Regu-
lations"

(8) "suspended for orders to transport Rodman over 50 miles Para-
graph 67"

(9) "suspended for the exact period covered by charge"

(10) "disallowed as an over charge for the "Jurat" i.e. as allowed
by the Laws of California"

(11) "disallowance is for over charge for ticket + + + + "

(12) "disallowed as charge was incurred while stopping on leave"

(13) "disallowed as not a correct charge"

(14) "disallowed as the travel was over a Bonded Railroad"

(15) "disallowed as an over charge on Abstract"

(16) "disallowed as an over charge on Telegram"

(17) "Suspended for itemized bills properly receipted"

(18) "Suspended for specifications as to Telegrams"

(19) "disallowed as the expense was incurred in attending a funeral and therefore not chargeable to the C. & G. Survey as per report of the Treasury Commission"

(20) "suspended for sub voucher to support the charge for Box rent"

(21) "suspended for Bills of Lading or Freight received"

(22) "disallowed as paid in violation of Section 3711 of Revised Statutes"

(23) "disallowed as they were paid in violation of the Revised Statutes - The report of the Treasury Commission shows that no service was performed"

(24) "Suspended for explanation as to exact date of taking the field for work and the authority for paying the hands before their arrival on the field in accordance with Par - 61 + + + "

(25) "Suspended for duplicate of the same written in ink"

(26) "Suspended for approval of the Superintendent"

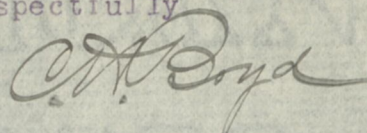
(27) "Suspended for an explanation as to the cause of so long a delay at Hotel"

At your early convenience please make such statement in explanation

and justification of your vouchers herewith named, as you may desire; making a brief and distinct statement as to each item: address the same to the Honorable M.J. Durham 1st Comptroller of the Treasury and inclose to me for presentation.

The first number of vouchers mentioned is that given to your abstract at the Treasury Dept. the sub number is that you put upon your vouchers

Yours respectfully



Assistant C. & G. Survey.

Address replies to
JOHN BOGART, Sec'y.

AMERICAN SOCIETY OF CIVIL ENGINEERS,
127 EAST TWENTY-THIRD ST.,
NEW YORK.

May
~~April~~ 1st, 1886.

Subject:

Your correct address.

Sir:

It is intended to print a new Catalogue of the Members of this Society next month Will you please give the Secretary, by return of post, your correct address, official title, etc., for entry in the Catalogue.

The address given below is what is now on record as your present address, and will be used in the new Catalogue if we are not otherwise advised by you.

Respectfully,

John Bogart

Secretary Am. Soc. C. E.

Henry Mitchell

U. S. Coast and Geodetic Survey

Washington,
D.C.

Mr Mitchell

It is your business
to separate Original & Duplicate
Vouchers & render them in proper
shape for settlement. We have no
one in this office who can spare
the time to tear your Vouchers
apart—

Haggin

Mitchell

To be returned to
COAST AND GEODETIC SURVEY OFFICE
if not delivered in **TEN** days, unless held at
the request of the person addressed.

OFFICIAL BUSINESS.

Treasury Department.

Three hundred dollars fine for using
this envelope to avoid the payment
of postage on private matter.

Prof. Army Dutcher
Asst. U.S.C. & G. Survey

Boyd Concerning acct's stopped - all papers
Subsequently

23^d

Copy of my approved
estimate for 6^{mos}
ending Dec^r 31/84

(No. 14)

Exhibit
Office equipment 25 in 85

Office equipments 25 July '84

Copy

U. S. COAST AND GEODETIC SURVEY OFFICE,

Washington, Oct. 30 . 1869.

Dear Sir

In pursuance of authority
conferred upon the Superintendent by article VI
of the revised regulations of the Treasury Dept. of
the Survey of the Coast the following allowances
for subsistence are hereby authorized to be
paid to the Apts. having direction and
inspection of field work viz. to Apts. R. D.
Culter having chg. of triangulation, to Henry
L. Whiting having chg. of the topography; and
to Apts. Mary Mitchell having charge of the
Physical Hydrography, when actually
engaged in the field, and while travelling in
the execution of the duty of inspecting work,
three dollars per day; at all other times
one-dollar and fifty cents per day.

Very respectfully,

Benjamin Peirce

Supdt. U. S. Coast Sur.

Dear Mr. May,

Yr. Obedt. Apts.

W. S. Cook

232 Jan. 71

Coast Survey Office

Washington, October 30, 1869.

Sir,

In pursuance of authority conferred upon the Superintendent by Article VI, of the revised regulations of the Treasury Department, for the survey of the coast, the following allowances for subsistence are hereby authorized to be paid to the Assistants having direction and inspection of field work, viz: to Assistant Richard D. Cutts having charge of the secondary triangulation: to Assistant Henry L. Whiting having charge of the topography: and to Assistant Henry Mitchell having charge of physical hydrography, when actually engaged in the field, and while travelling in the execution of the duty of inspecting work, three dollars per day: at all other times one dollar and fifty cents per day.

Yours respectfully

Benjamin Peirce,

Supt. U. S. Coast Survey.

Samuel Hein Esq.

Genl. Disbursing Agent

U. S. Coast Survey.

1869

No. 945

Superintendent of Coast Survey
October 30, 1869.

Subsistence Allowance
under § VI of New Regula-
tions, R. D. Cutts in charge
of Secondary Triangulation
H. L. Whiting in charge of
Topography.

Henry Mitchell in charge
of Physical Hydrography.
\$3.00 per day, whilst actually
in the field & travelling.
\$1.00 per day at all other
times.

Certain Expenses in Dec^r 1
for 2 yrs. follows
3 June 85

Phys Hys.

Hire of Dray Horse (who must be an expert) at interval, 40 days @ \$5	200 ⁰⁰
Subsistence while hunting 10 days @ 30	30 ⁰⁰
Boatman & boat & pilots	70 ⁰⁰
	<hr/> 300 ⁰⁰

Apr. 22 July 85
J. S. K. H. H. H.

Above does not include regular
office expenses in Boston & H.

" Indebted informed
Signed H.

U. S. Coast and Geodetic Survey,

To Henry Mitchell, D^o

1885-

DOLLARS.

CTS.

For the following expenses no
voucher could be obtainedOct. 5 Carting & Storing of freight, bill
of S. A. Howard (1)

14

65

Washington DC Oct 31, 1885. Received of

Jesse H. x 55-
100

Dollars, in full of the above account.

(DUPLICATES.)

Henry Mitchell

Signatures of firms or individuals signed "per" will not be passed. The appropriate certificate on the back must be signed.

Do not add to the length of this sheet.

VOUCHER NO. 63

Henry Mitchell

\$ 14.55

Contingencies

Oct 31., 1885.

I CERTIFY that the services herein charged for were rendered, and that this account is correct and just.

Henry Mitchell

C. J. G. S.

I CERTIFY that the articles herein charged for have been received, and that this account is correct and just.

*Replaced by
Correct Voucher*

I CERTIFY that the within account for subsistence is correct and just under the Regulations.

United States,

[FORM 5.—Abstract.]

To Henry Mitchell, Dr.

For the following expenditures made for the Physical Survey party
under my charge, engaged in the U. S. Coast and Geodetic Survey, as per accompanying vouchers:

DATE. 1885	No. of Voucher.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.	
				DOLLARS.	CTS.
Oct 31	1	Henry Mitchell	Subsistence	31	50
	2	Henry Mitchell	Traveling Expenses	16	70
	3	Henry Mitchell	Contingencies	11	55
5	4	Leonard & Co	Services	5	56
13	5	O. S. Davis	Oct RR freight	12	95
31	6	Homer P. Ritter	Services	150	00
31	7	E. E. Haskell	"	150	00
31	8	Henry L. Maindri	Subsistence	12	00
31	9	J. A. Sullivan	Services	125	00
				\$ 515 26	

Washington D.C. October 31, 1885. Received of

Five hundred & fifteen & $\frac{26}{100}$ Dollars, in full of the above account.

\$515.26

(DUPLICATES.)

Henry Mitchell
Asst C & G. Survey

Do not add to the length of this sheet. Separate Abstracts must be rendered for "Monthly Expenses," "Outfit," and "Repairs."

VOUCHER NO.

Henry Mitchell.

\$ *515.* ^{*26*} _{*"*}

Sub-Vouchers Enclosed, 9.

Hydrology.

October 31st 1885.

D

Never fill out the above briefing.

The United States,

[FORM 5.—Abstract.]

To Henry Mitchell, Dr.

For the following expenditures made for the Physical Survey party
under my charge, engaged in the U. S. Coast and Geodetic Survey, as per accompanying vouchers:

DATE. 1885-	No. of Voucher.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.	
				DOLLARS.	CTS.
Oct 31	1	Henry Mitchell	Subsistence	31	50 ✓
"	2	Henry Mitchell	Traveling Expenses	16	70 ✓
"	3	Henry Mitchell	Contingencies	11	55 ✓
5	4	Leonard & Co	Services	5	56 ✓
13	5	O. S. Davis	Ogt RR. freight	12	95 ✓
31	6	Homer P. Ritter X	Services	150	00 ✓
	7	E. E. Haskell X	"	150	00 ✓
*	8	Henry L. Marindui	Subsistence	12	00 ✓
31	9	J. A. Sullivan	Services	125	00 ✓
<div data-bbox="727 1052 945 1239" data-label="Text"> <p>APPROVED.</p> </div> <div data-bbox="812 1104 1042 1300" data-label="Text"> <p>SUPERINTENDENT.</p> </div> <div data-bbox="126 1213 479 1441" data-label="Text"> <p>* Disallowed by Sept. 12. - Columbia T.M.</p> </div> <div data-bbox="576 1260 787 1421" data-label="Text"> <p><i>[Signature]</i></p> </div>				515 26 ✓	

Washington DC October 31, 1885. Received of...

Five hundred & fifteen & ²⁶/₁₀₀ Dollars, in full of the above account.

\$515.26

(DUPLICATES.)

Henry Mitchell
Sur C & G Survey

Do not add to the length of this sheet. Separate Abstracts must be rendered for "Monthly Expenses," "Outfit," and "Repairs."

VOUCHER NO.

Henry Mitchell

\$ *515.²⁶/₁₀₀*

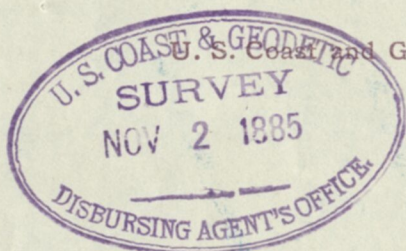
Sub-Vouchers Enclosed, 9.

Hydrology. -

October 31st 1885.

Never fill out the above briefing.

Give here full address to which reply should be sent: _____



U. S. Coast and Geodetic Survey

*Office**Washington Nov 2, 1885.*

To the

DISBURSING AGENT,

U. S. COAST AND GEODETIC SURVEY,

WASHINGTON, D. C.

Sir:

Enclosed herewith please find Abstracts and Vouchers of Expenditures made by me for the U. S. Coast and Geodetic Survey during the month of *October*,

1885, amounting in the aggregate to the sum of \$ *515.26*, as follows:

Monthly Expenses, \$ *515.26*; Outfit, \$ _____; Repairs, \$ _____; Salary, \$ _____

The balance due me on the above accounts is - - - - \$ *515.26* ✓

The balance due you on the above accounts is - - - - \$ _____

* My *orig. & Dupl.* accounts *are* forwarded to you on *this day*, 1885.

\$515.26 Party Acct Oct

Very respectfully,

Henry Mitchell
Sur C & G Survey

* See Paragraph No. 47 of the Regulations.

NOTE:—Fill out the blanks in the last line by using the words "original" or "duplicate," and "were" or "will be," according to the nature of the enclosure. This form properly filled out, should accompany "duplicate" as well as "original" accounts.

These papers
were replaced by
others at request
of Mr Fagan
Dec^r 3^d /85.

Mitchell

First Auditor's Office,

December 11th, 1885.

In auditing accounts of Disbursing Officers all accounts of corporations paid in cash must be receipted by the proper officer of such corporation authorized to receipt for money belonging thereto, evidence of which authority must accompany the voucher or be filed in the Department.

When a voucher is paid by draft on the Treasurer or Sub-Treasurer, in the name of the corporation as payee, and such fact stated on the voucher and the number of the draft given, the authority will not be required to be filed, as the same is required by the Treasurer or Sub-Treasurer before payment.

Very Respectfully

(Signed) Jas. Q. Chenoweth

First Auditor.

The United States,

[FORM 5.—Abstract.]

To Henry Mitchell, Dr.

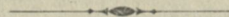
For the following expenditures made for the Physical Survey party
under my charge, engaged in the U. S. Coast and Geodetic Survey, as per accompanying vouchers:

DATE.	No. of Voucher.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.	
				DOLLARS.	CTS.
1885					
17 Nov	1	J. A. Sullivan	Services	70	83
31 Dec	2	Alfred Barditch	Rent	112	50
" "	3	Henry Mitchell	Subsistence	46	50
" "	4	Henry L. Marindin	Subsistence	46	50
" "	5	E. E. Haskell	Services	150	00
" "	6	Wm. P. Ritter	Services	150	00
				<u>\$576 33</u>	

Washington 31 Dec, 1885. Received of
Five hundred & seventy six ³³/₁₀₀ Dollars, in full of the above account.
\$576.33 (DUPLICATES.) Henry Mitchell

Do not add to the length of this sheet. Separate Abstracts must be rendered for "Monthly Expenses," "Outfit," and "Repairs."

VOUCHER NO.



\$

Sub-Vouchers Enclosed,

.....
.....
.....
.....

....., 188 .

.....
Never fill out the above briefing.

U. S. Coast and Geodetic Survey,

To *Henry Mitchell* ✓, *D^o*

1885.		DOLLs.	Cts.
31 Dec ^r	For my Absistence from Dec ^r 31 st to 31 st . 31 days 1. ⁵⁰	46	50 ✓

Washington 31 Dec^r ✓, 1885. Received ofForty-six ⁵⁰

Dollars, in full of the above account.

\$46⁵⁰

(DUPLICATES.)

Henry Mitchell ✓

Signatures of firms or individuals signed "per" will not be passed. The appropriate certificate on the back must be signed.
Do not add to the length this sheet.

VOUCHER NO. 3

Henry Mitchell

\$46⁵⁰

Feb 1 1885

Disallowed

Dec 2, 1885

I CERTIFY that the services herein charged for were rendered, and that this account is correct and just.

I CERTIFY that the articles herein charged for have been received, and that this account is correct and just.

I CERTIFY that the within account for subsistence correct and just under the Regulations.

U. S. Coast and Geodetic Survey,

To *Henry Mitchell, D^r*

1885.

DOLLARS.

CTS.

31 Dec

*For my subsistence from
Dec^r. 1st. to 31st. 31 days @ \$1.50**46 50**Washington 31 Dec^r, 1885. Received of**Forty six 50**Dollars, in full of the above account.**\$46 50*

(DUPLICATES.)

Henry Mitchell

Signatures of firms or individuals signed "per" will not be passed. The appropriate certificate on the back must be signed.
Do not add to the length of this sheet.

VOUCHER NO. 3

Henry Mitchell

\$ 46⁵⁰

Subsistence

Dec^r, 1885.

I CERTIFY that the services herein charged for were rendered, and that this account is correct and just.

I CERTIFY that the articles herein charged for have been received, and that this account is correct and just.

I CERTIFY that the within account for subsistence is correct and just under the Regulations.

U. S. Coast and Geodetic Survey,

To *Henry L. Marindin* Dr.

1885.

DOLLARS.

CTS

Dec 31 For Subsistence allowance as Assistant
in Party of Physical Hydrography from
Dec 1 to 31 1885. or 31 days @ \$1.50 per diem \$46.50

Dec 31

Washington DC, Dec 31 —, 1885. Received of *H. Mitchell*
Forty Six and ⁵⁰/₁₀₀ ————— Dollars, in full of the above account.

\$46.50

(DUPLICATES.)

Henry L. Marindin

Signatures of firms or individuals signed "per" will not be passed. The appropriate certificate on the back must be signed.
Do not add to the length of this sheet.

(OVER.)

VOUCHER NO.

4

Henry L. Marindin

\$46.50

Subsistence

Disallowed

December 31, 1885.

I CERTIFY that the services herein charged for were rendered, and that this account is correct and just.

I CERTIFY that the articles herein charged for have been received, and that this account is correct and just.

I CERTIFY that the within account for subsistence is correct and just under the Regulations.

Henry Mitchell

U. S. Coast and Geodetic Survey,

To *Henry L. Maundin* Dr.

1885.

DOLLARS.

CTS

Dec 31 For Subsistence allowance as Assistant
in Party of Physical Hydrography from
Dec 1 to 31 1885 - or 31 Days @ \$1.50 per day \$ 46 50

Washington D.C., Dec 31, 1885. Received of *H. Mitchell*
Forty Six & 50 Dollars, in full of the above account.



(DUPLICATES.)

Henry L. Maundin

Signatures of firms or individuals signed "per" will not be passed. The appropriate certificate on the back must be signed.
Do not add to the length of this sheet.

(OVER.)

VOUCHER NO. 4

Henry L. Mariandine

\$ 46.50

Subsistence

December 31, 1885.

I CERTIFY that the services herein charged for were rendered, and that this account is correct and just.

I CERTIFY that the articles herein charged for have been received, and that this account is correct and just.

I CERTIFY that the within account for subsistence is correct and just under the Regulations.

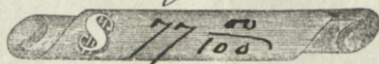
Henry Mitchell

U. S. Coast and Geodetic Survey,

To Marcus Baker, D^d

1885.		DOLLARS.	CTS.
December 31	For subsistence from October 16 to December 31, 1885, being 77 days at \$1 ⁰⁰ per day	77	00

Washington, Dc. December 31, 1885. Received of Henry Mitchell
Seventy seven \$ _____ Dollars, in full of the above account.



(DUPLICATES.)

Marcus Baker

Signatures of firms or individuals signed "per" will not be passed. The appropriate certificate on the back must be signed.
 Do not add to the length of this sheet.

VOUCHER NO. _____



Marcus Baker

\$ *77*^{*00*}

Subsistence

December 31, 1885.

I CERTIFY that the services herein charged for were rendered, and that this account is correct and just.

I CERTIFY that the articles herein charged for have been received, and that this account is correct and just.

I CERTIFY that the within account for subsistence is correct and just under the Regulations.

U. S. Coast and Geodetic Survey,

To Marcus Baker, D^o

1885.

December 31 For subsistence from October 16 to December
31, 1885, being 77 days @ \$1.⁰⁰ per day

DOLLARS.

CTS.

77 00

Washington, D.C. December 31, 1885. Received of Henry Mitchell
Seventy seven # Dollars, in full of the above account.

\$ 77.⁰⁰/₁₀₀

(DUPLICATES.)

Marcus Baker

Signatures of firms or individuals signed "per" will not be passed. The appropriate certificate on the back must be signed.
Do not add to the length of this sheet.

VOUCHER NO. _____

Marcus Baker

\$ *77*^{*00*}

Subsistence

December 31, 1885.

I CERTIFY that the services herein charged for were rendered, and that this account is correct and just.

I CERTIFY that the articles herein charged for have been received, and that this account is correct and just.

I CERTIFY that the within account for subsistence is correct and just under the Regulations.

U. S. COAST & GEODETIC SURVEY.
OFFICIAL BUSINESS.

Treasury Department.

Three hundred dollars fine for using
this envelope to avoid the payment
of postage on private matter.

Abstracts & Vouchers returned Jan^y 4th/86

Alfred Bowditch - Suspended for present

H. L. Marindin } Subsistence disallowed
N. Mitchell }

Due Jan. 4 upon accepted vouchers

Salary \$303

Ritter & Mitchell 300

Sullivan 70⁰⁰

Outstanding
December
1885

U. S. COAST AND GEODETIC SURVEY OFFICE,

Washington, D. C., Jan. 4th, 1886.

Mr. Henry Mitchell,
Assistant U. S. C. and G. Survey,
Office.

Sir:

Enclosed herewith please find my check No. 252891
drawn this day to your order on the Treasurer U. S.,
Washington, D. C., for \$370.83 for your Party
Account to December 31, 1885.

Payment of the Rent Voucher for the Bos-
ton Office has been suspended for the present.

The Superintendent has decided to disallow
your Subsistence and Mr. Marindin's, under
his decision disallowing all Office Subsistence,
and the provision of Par. 57 of the Regulations.

Very respectfully,

Geo. A. Bartlett,
acting Disbursing Agent.

U. S. COAST AND GEODETIC SURVEY OFFICE,

Washington, February 2^d, 1886.

George A. Bartlett, Esq.
Disbursing Clerk.
Treasury Department.
Sir;

You are respectfully informed, that hereafter in the accounts of the coast and geodetic survey service, forate to vouchers for traveling expenses must be attested by the seal of the officer making the same; if the officer has no seal, then a certificate under seal by a clerk of court, or other qualified officer having a seal, to the effect that the officer making the forate is duly qualified to act as such and to administer oaths, will be required.

Very respectfully

Wm. J. Durham, Comptroller

By (sd) J. R. Garrison

Deputy Comptroller

S. C. C.

U.S.Coast and Geodetic Survey

Office of Disbursing Agent.

Sir:

I have been called upon by the First Comptroller of the Treasury, to notify you of the following requirements in the future rendition of accounts:-

All sub-vouchers must be briefed on the back, and bear their respective numbers, as entered upon the abstract.

On numbering sub-vouchers, each separate abstract should begin with the number 1-(one).

All Traveling Vouchers must be supported by affidavit - and when rendered as Sub-vouchers, must be approved by Chief of Party.

Very respectfully

(Signed) Geo.A.Bartlett

Acting Disbursing Agent.

March 1st, 1886.

Circular.

Office U.S. Coast and Geodetic Survey,

Washington, D.C., April 1st, 1886.

Hereafter Salary Vouchers will be rendered for each month in the year.-The rendering of Quarterly Salary Vouchers will be discontinued.

Salary is always payable direct from the Disbursing Agent.- The withholding of Salary from Advance funds is in violation of Law and Regulations, and is not further permissible.- Advances are only intended to cover public expenditures.

Very respectfully

(Signed) F.M. Thorn

Superintendent.

Circular

U.S.Coast and Geodetic Survey Office,

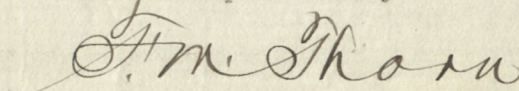
Washington, May 13 1886.

Sir:

I send you herewith copies of the new form of Voucher, which is in future to be used in every instance. Your attention is called to the blank form printed in red on the back of the voucher, which should invariably be certified to when proper in accordance with the terms of the Superintendent's circular of March 29, 1886.

All of the old forms you may have remaining on hand should if used have the certificate that is printed in red on the new form duly written and signed in all cases requiring it. Additional blanks will be furnished when needed upon requisition.

Yours respectfully



Superintendent.

P.S. Please submit your estimates in duplicate. One copy for the D.Agent and one to be returned to you.

Circular

U.S. Coast and Geodetic Survey Office,

Washington, May 18, 1881.

Sir:

I send you herewith copies of the new form of Voucher, which is
in future to be used in every instance. Your attention is called
to the blank form printed in red on the back of the voucher, which
should invariably be attached to the proper in accordance with
the terms of the Department's circular of March 23, 1880.
All of the old forms which have been used should be
have the certificate printed in red on the new form duly
written and signed in ink, and then be placed in the
will be furnished when needed upon requisition.

Yours respectfully,

Wm. A. Smith

Please submit your estimates in duplicate. One copy for
the U.S. Agent and one to be returned to you.

Circular

U.S.Coast and Geodetic Survey Office,

Washington, D.C., May 29th, 1886.

All Vouchers must show (in the left hand column provided for that purpose), the dates of purchase of supplies or the rendition of service, as well as the date of payment in the receipt attached.

Very respectfully

F.M.Thorn

Superintendent.

United States,

To Henry Mitchell, D.

For the following expenditures made for the Phys. Svd. party
 under my charge, engaged in the U. S. Coast and Geodetic Survey, as per accompanying vouchers:

DATE. 1886	No. of Voucher.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.	
				DOLLARS.	CTS.
May 31	1	W. B. Fairfield	Services	100	00
" "	2	H. F. Bothfeld	do	180	64
" "	3	C. F. Meade	do	70	16
" "	4	E. E. Haskell	do	130	65
" "	5	E. E. Haskell	Transportation	16	46
				\$ 497	85

Washington 31 May, 1886. Received of
 Four hundred & ninety seven ⁸⁵ Dollars, in full of the above account.

~~\$ 497 ⁸⁵~~

(DUPLICATES.)

Henry Mitchell

Do not add to the length of this sheet. Separate Abstracts must be rendered for "Monthly Expenses," "Outfit," and "Repairs."

VOUCHER NO.

Henry Mitchell

\$497.85

Sub-Vouchers Enclosed, 5

Physical Hydrography

How about change of
abstracts?

May 31st, 1886.

D

Never fill out the above briefing.

Circular

U. S. Coast and Geodetic Survey,

Washington, D. C. June 10th, 1886.

In future the requirement for a thorough itemizing of expenditures, charged upon Vouchers rendered to this Office, will be strictly observed.

In the execution of Vouchers, of numerous items and details, a rigid economy of stationery and space at the expense of clearness is not advisable.

Each item charged for should show its respective cost, at its respective rate, as suggested by the following formula : -

.....	pieces	at	\$	per	=	\$
.....	hundred	at	\$	"	=	\$
.....	gross	at	\$	"	=	\$
.....	doz.	at	\$	"	=	\$
.....	yds.	at	\$	"	=	\$
.....	feet	at	\$	"	=	\$
.....	lbs.	at	\$	"	=	\$
.....	oz.	at	\$	"	=	\$
&c.			&c.		&c.		

Very respectfully,

(Signed) F. M. Thorn

Superintendent.

Circular

U.S. Coast and Geodetic Survey Office,

Washington, D.C., June 16th, 1886.

Your attention is specially called to the following requirement of the Accounting Officers of the Treasury:-

In all instances where employes or hands are paid per diem salary, and such payment includes Sundays, a certificate of the Chief of party is required on the Voucher or Party Pay Roll, to the effect that service was rendered on Sundays.

When no service is rendered on Sundays by per-diem salaried employes or hands, no payment therefor can be allowed. This ruling does not effect Sunday-subsistence of per diem salaried hands.

Very respectfully

(Signed) F.M. Thorn

Superintendent.

Circular

U.S. Coast and Geodetic Survey Office,
Washington, D.C., June 10th, 1886.

Your attention is especially called to the following re-

quirement of the Accounting Officers of the Treasury:-

In all instances where employees or hands are paid per

diem salary, and such payment includes Sundays, a certificate of the
Chief of party is required on the Voucher or Party Pay Roll, to the
effect that service was rendered on Sundays.

When no service is rendered on Sundays by per-diem hands

ried employees or hands, no payment therefor can be allowed. This

ruling does not effect Sunday-subsistence or per diem salary

hands.

Very respectfully

(Signed) W. L. Thompson

Superintendent.

H. Mitchell.

Circular

U.S.Coast and Geodetic Survey,

Washington, D.C., June 21st, 1886.

Hereafter all Travelling Vouchers must be accompanied by a copy or extract from the Superintendent's letter of Instructions, authorizing the travel, and said extract or copy must bear a certificate in brief, signed by the person making such extract or copy, to the effect that the same is a "true extract" or "true copy", as the case may be.

Also: All items of expense charged upon Travelling Vouchers, excepting fares paid to transportation companies, must be supported by receipts or certificate, as provided in paragraph 10 of Superintendent's circular of April 1, 1886.

Very respectfully

(Signed) F.N.Thorn

Superintendent.

Mr. Henry Mitchell

Vo. 2 = Suspended for the present,
by direction of the Superintendent.

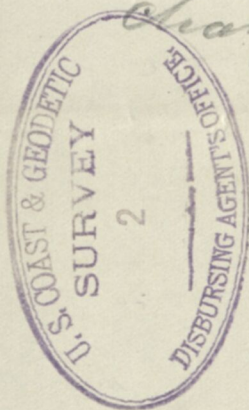
~~##~~
Vouchers 3rd & 4 will be disallowed

~~##~~
Vouchers 5th & 6 will be rendered
upon one abstractnd

Vo. 1 upon a separate Abstract, as
there is a possibility of them being
charged to different appropriations.

Very respy

Hagin



Mr. J. J. Mitchell

Addressed

office

Henry Mitchell

Party Expenses

Vouch.	86.	Sub v. 5.	Defect. Jurat. - (3 Q 84)	\$ 5.75
	87.	"	4. Not ch'ble to appropri ⁿ (3 Q 84)	2.65
	78.	"	6. Defect. Jurat. (4 Q 84)	14.50
	77.	"	4. Not ch'ble to appropri ⁿ (4 Q 84)	11.56
	78.	"	8. " " " " (")	5.92
	58.	"	2. Defect. Jurat. (2 Q 85)	42.23
	58.	"	2. Violation § 61. (2 Q 85)	42.23
	58.	"	4. Not ch'ble to appropri ⁿ (2 Q 85)	1.65
	58.	"	2. Overcharge telegr. (2 Q 85)	.15
	59.	"	3. Susp. ^d Expt. as to necessity & dispos ⁿ (2 Q 85) —————	7.55
	59.	"	8. Susp. ^d for Expt. as to necessity & dispos ⁿ (2 Q 85) —————	3.50
	88.	"	6. Susp. ^d for Expt. of exact period covered by ch'ge - acct. Bowditch (3 Q 84) —————	112.50
				<u>\$ 250.19</u>

and

3rd Cal. V. S. 11

Verde 88 - Sub. 6

each period covered by the change

— Total 209. 285

all the period

hill 61 Ab. 54 bush 2 -

8/10. May 85
2nd yr.

2nd yr -

M.Y. Imperator
29 Apr.

- Mitchell -

86	Sub. V. 5	Defect Jurat	32.84	5.75	S
87	" 4	Not ch'ble to app ⁿ	32.84	2.65	-
78	" " 6	Defect Jurat	49.84	14.50	L S
77	" " 4	Not ch'ble to app ⁿ	4/84	11.56	
78	" " 8	" " " " " "	" " " "	5.92	
(58	" " 2	Defect Jurat	29.85	42.23	my own S
(58	" " 2	Violation of 61	29.85	42.23	<
58	" " 4	Not ch'ble to app ⁿ	29.85	1.65	
(58	" " 2	Over charged	29.85	.157	
59	" " 3	Susp ^d . for ex ^p . as to mes ^p 8			
		disposition	29.85	7.85	
59	" " 8	Atty " 29/85		3.50	<
88	" " 6	Susp ^d . for ex ^p . of ex ^p			
		penes covered by Chasen and			

May 84

of Barditch	15	112.50
	42.23	
	5.75	
	2.65	
	14.50	
	11.56	
	5.92	
	42.23	
	1.65	
	7.85	
	3.50	
	112.50	
	<hr/>	
	208.11	
	42.23	
	15	
	<hr/>	
	250.49	

11 0 149

To Henry Mitchell, Dr

, 188 . Received of -----

Dollars, in full of the above account.



(DUPLICATES.)

Do not add to the length of this sheet. Separate Abstracts must be rendered for "Monthly Expenses," "Outfit," and "Repairs."

(Ed. 7-28-'84—5,000.)

VOUCHER NO.



\$

Sub-Vouchers Enclosed,

.....

.....

.....

.....

....., 188 .

.....

Never fill out the above briefing.

Reprint of Circular of January 1, 1881.

C I R C U L A R.

INDORSEMENT AND PAYMENT OF TREASURY DRAFTS AND POST-OFFICE
DEPARTMENT WARRANTS.

1884.
Department No. 108.
Treasurer's Office No 48.

Treasury of the United States,

Washington, D. C., July 15, 1884.

Treasury Drafts and Post-Office Warrants must not be paid until the indorsements conform to the following regulations:

1. The name of the payee, as indorsed, must correspond in spelling with that on the face of the draft; no guarantee of an indorsement, imperfect in itself, can be accepted. If the name of a payee, as written on the face of a draft, is spelled incorrectly, the draft should be returned to the Treasurer U. S. for correction.

2. Indorsements by mark (X) must be witnessed by two persons who can write, giving their places of residence.

3. Indorsements by executors, administrators, guardians, or other fiduciaries must be accompanied by certified copies, under seal, of letters testamentary, letters of administration, of guardianship, or other evidence of fiduciary character, as the case may be.

4. Payees and indorsees must indorse by their own hands: officials, officially with full title; firms, the usual firm-signature by a member of the firm, not by a clerk or other person for the firm.

5. Every indorsement must be by the proper written (not printed) signature of the person whose indorsement is required.

6. Powers of attorney for the indorsement of drafts in payment of claims must state the number, date, and amount of draft, and number and kind of warrant, and be dated subsequently to the date of the drafts; must be witnessed by two persons, and must be acknowledged by the constituent before the Treasurer of the United States or an Assistant Treasurer, a Judge or Clerk of a District Court of the United States, a Collector of Customs, a Notary Public under his seal, or a Justice of the Peace in those States only in which such Justice has authority to take acknowledgments of deeds, or Commissioner of Deeds; if before either of the two latter, the certificate and seal of the County Clerk as to the official character and signature of the Justice or Commissioner is required. If executed in a foreign country, the acknowledgment must be made before a Notary Public, with his seal attached, or a U. S. Consul or Minister. The officer taking the acknowledgment must certify that the letter of attorney was read and fully explained to the constituent at the time of acknowledgment, and that said constituent is personally well known to him to be the identical person named in and who subscribed his name to said power of attorney. (See Revised Statutes, Secs. 1778 and 3477.)

7. Evidence of authority to indorse for incorporated or unincorporated companies must accompany drafts drawn or indorsed to the order of such companies or associations. Such evidence should be in the form of an extract from the by-laws or records of the company or association, showing the authority of

the officer to indorse and receive and receipt for moneys for the company, and giving his name and the date of his election or appointment, which extract must be verified by a certificate under seal signed by the President and Secretary, or by one of these officers and not less than two of the directors; which certificate must state that such authority remains unrevoked and unchanged. If the company have no seal, the extract should be certified as correct by a Notary Public or other competent officer under his seal. When a resolution is adopted at a special meeting of Directors, it must be shown that all had notice of the time and place of such meeting, and that a quorum assented to the resolution.

8. In cases where an individual or a copartnership is doing business under a company title, the affidavit of the owner or of the members of the copartnership will be required, showing the fact of ownership and naming the person who is authorized to indorse and receive and receipt for moneys for the owners.

9. The indorsement of all the joint holders or co-trustees, executors, administrators, guardians, or other fiduciaries will be required on drafts, and in the execution of a power to a third party to collect, all must join. In case of the death of either, the survivors will be recognized as having full authority, upon due proof of such death and survivorship.

A. U. WYMAN,
Treasurer U. S.

APPROVED, July 15, 1884:
WM. LAWRENCE,
Comptroller.

APPROVED:
CHAS. J. FOLGER,
Secretary of the Treasury.

CIRCULAR.
ADVERTISING FOR PROPOSALS.

1886.
Department No. 19.

Treasury Department,

OFFICE OF THE FIRST AUDITOR,

Washington, D. C., February 18, 1886.

The attention of Disbursing Officers is called to the following Section of the Revised Statutes:

"SEC. 3709. All purchases and contracts for supplies or services, in any of the Departments of the Government, except for personal services, shall be made by advertising a sufficient time previously for proposals respecting the same, when the public exigencies do not require the immediate delivery of the articles, or performance of the service. When immediate delivery or performance is required by the public exigency, the articles or service required may be procured by open purchase or contract, at the places and in the manner in which such articles are usually bought and sold, or such services engaged, between individuals."

Hereafter no credit will be given or allowance made, in any account which shall be examined by this Office, for the purchase of any article or the payment for any service, except personal services, unless the voucher therefor is accompanied by a certificate, signed by an officer having knowledge of the facts, that advertisement was duly made for proposals therefor, and showing the date and mode of such advertising; or, unless such article was purchased or such service engaged in a case of public exigency requiring immediate delivery or performance, and the fact of such exigency be established by a certificate signed by the officer granting the authority therefor.

I am, very respectfully,

Your obedient servant,

JAMES Q. CHENOWETH,

First Auditor.

Approved:

M. J. DURHAM,
Comptroller.

H. Mitchell

CIRCULAR.

PREPARATION AND RENDITION OF ACCOUNTS.

1886.

Department No. 36,
Coast and Geodetic Survey, No. 1.

Treasury Department,

OFFICE U. S. COAST AND GEODETIC SURVEY,

Washington, D. C., April 1, 1886.

For the purpose of facilitating settlements, and to avoid costly delays in remittances, attention is called to a necessary observance of the few following *general* and *special* requirements in the future rendition of accounts to this office:

1. All expenses incurred must be in accordance with approved *estimates* or *allotments*, and any expenditures in excess of said estimates or allotments will be disallowed, unless ratified or previously authorized by the Superintendent.

2. In the preparation of vouchers care and discretion should be exercised with reference to the nature of the expenditures, dates, calculations, certificates, and signatures.

3. Expenditures incurred in one month should not be included in the accounts of another month, except when impracticable to do otherwise. The rendering of supplemental accounts is preferable to blending of dates of different months.

4. Expenditures of one fiscal year charged in the accounts of another fiscal year is contrary to law and will be disallowed.

5. Abstracts should bear date (in the receipts) of the last day of the month in which the expenditures were incurred.

6. All vouchers should bear (in the receipt) the name of the place wherein, and the date upon which, the expenditure was incurred.

7. The "lumping" of charges for sundry items should be avoided. As complete an itemizing of all expenditures as may be practicable is required.

8. "Future" or "anticipated" expenditures are not permissible. Payments cannot be made until articles or service shall have *been* rendered.

9. Charges for articles, such as instruments, books, stationery, &c., (for which requisitions should be made upon the office,) will be disallowed.

10. All items of expense charged upon "personal" vouchers must be supported by *receipts* when practicable; when not practicable, a certificate to that effect should be written on the face of the voucher, or an explanatory letter should accompany the voucher, and the impracticability to obtain receipts must be made apparent.

11. Charges for telegrams must not exceed the rates as given in the Circular of the Secretary of the Treasury, dated July 10, 1885; and all items of expense for telegraphing must be supported by copies of the telegrams, or the names of the places *to* and *from* where sent, together with the number of words used, should appear upon the voucher.

12. All travelling vouchers should be accompanied by an extract of the Superintendent's letter of instructions authorizing the travel, and such vouchers *rendered under oath*, in compliance with the provisions of First Comptroller's Circular Letter of February 2, 1886.

13. Fees for jurats will be governed by the legal rates of the States in which the oaths are administered.

14. Expenses for travel should be itemized under their respective dates, and supported, as far as practicable, by receipts. When "hotel bills" are referred to, the receipted bills should invariably accompany the accounts.

15. Items of "portage" (meaning fees to porters on trains, &c., and not a part of *necessary travelling expense*) will be disallowed.

16. *Actual* travelling expenses *only* (not to exceed the maximum fixed by law) will be allowed to civilians, except to assistants and sub-assistants travelling in connection with local field-work, and *from* the field.

17. Paragraph 57 of the Regulations provides that *per diem* subsistence shall not begin until arrival at the field of operations.

18. Paragraph 58 of the Regulations provides that *aids*, and *all* employés of field parties, (except assistants and sub-assistants,) shall be entitled to *actual* subsistence *only*, not to exceed the amounts therein set forth.

19. Any voucher in favor of *bonded railroads* will be disallowed, as *all* travel or transportation over *bonded roads* must be made upon orders issued from the Departments.

20. Should public exigency demand the purchase of any article which ordinarily should be obtained by requisition upon the office, a full explanation of the urgency or emergency should accompany the voucher in support of such expenditure.

21. The obtaining of proper signatures to the receipts of vouchers should be carefully observed.

(a.) Signatures in lead pencil are not acceptable.

(b.) Signatures by mark ("X") must be witnessed.

(c.) Vouchers receipted by "per" signatures cannot be passed.

(d.) The signature of a President, Secretary, Treasurer, Manager, Agent, or other officer of a joint-stock or other incorporated company, to a voucher, must be supported by *evidence of authority* for said officer to receive and receipt for moneys due said company, (except when payment is made by a Government check or draft,) as required by the First Auditor's Circular of December 11, 1885. Such authority must be executed in compliance with Department Circular of January 1, 1881. Officers or agents of telegraph companies, railroad, express, or transportation companies, &c., having large numbers of agencies, are exempt from the above requirements when their vouchers relate to the ordinary transaction of a company's business.

22. When an officer or agent of a company or corporation receipts a voucher, the name of the company or corporation must be given on the voucher.

23. All *sub-vouchers* should be briefed and numbered on their backs, in compliance with the disbursing agent's circular of March 1, 1886. The briefing on backs of *abstracts* and *pay-vouchers* will be done in this office.

24. Errors in all manner of calculations, &c., such as extensions, footings, carrying forward of amounts, and abstracting vouchers, should be carefully guarded against.

25. Where the *utility* of articles or services charged for is not *plainly apparent*, a brief explanation should be written upon the voucher for the enlightenment of reviewing officials.

26. "Letter Form 10" should always be used in transmitting accounts to this office.

27. *Originals* and *duplicates* of accounts should be transmitted in separate day's mails, and the forwarding of either should not be unreasonably delayed.

The foregoing paragraphs are intended as a guide for all *ordinary* references in the preparing of accounts, and a strict observance of their provisions is requested. They seem to encompass those points wherein parties are most frequently at fault in the execution and rendition of accounts for settlement.

F. M. THORN,
Superintendent.

Approved:

C. S. FAIRCHILD,
Acting Secretary.

AMERICAN SOCIETY OF CIVIL ENGINEERS.

ANNUAL CONVENTION OF 1886.

The Annual Convention of this Society will be held at Denver, Colorado, July 2d, 3d and 5th, 1886. Sessions for professional discussion, and one for the transaction of business will be held. After the close of the Convention railway excursions will be made to a number of points of engineering interest in Colorado. The details of these excursions will be announced hereafter. They will probably include Greeley and the valuable lands reclaimed by irrigation in its vicinity, Georgetown, Leadville, Gunnison and Pueblo. The excursions will probably terminate at Colorado Springs or Manitou, and the party start thence on its return East.

Arrangements have been made with the railway lines for hauling a train for the transportation from the East of the members of the Society, their ladies, and the few invited guests. It is intended by the Committee to charter for the purpose a sufficient number of sleeping cars to accommodate the whole party. These cars are to be retained for the round trip. This train will start from New York on the New York Central and Hudson River Railway on Tuesday, June 29th, at 10 A. M. sharp, from the Grand Central Depot, and proceed via the New York Central and Hudson River R. R. and the Lake Shore and Michigan Southern R. R. to Chicago; thence to Denver via the Chicago, Burlington and Quincy R. R. Members from Philadelphia, Baltimore, Washington and intermediate points can probably best be accommodated by joining this train at New York. Members from Boston join the train at New York or Albany. Arrangements will be made for members from Pittsburg to join the train at Cleveland. It is not possible to state exactly the cost to each person until sufficient replies to this circular have been received to enable the Committee to determine with some accuracy the number of passengers on the train. If however, the indications as to this number so far received prove correct the price will be not far from \$60 for the round trip from New York to Denver and return. This will include transportation and one berth in a sleeper. Arrangements are in progress which the Committee think will give satisfaction as to meals to be served on the train. This price will cover the round trip from New York and Albany, and the price will be equitably less from Buffalo, Pittsburgh, Cleveland, Toledo, Cincinnati, Louisville, Chicago and St. Louis.

Should the proposed attendance warrant it, arrangements will be also made for a special sleeper to leave Cincinnati and Louisville for St. Louis; the special cars thence will connect at some convenient point with the special train.

All information practicable as to these and other points will be sent directly to members notifying the Committee of their intention to attend the Convention.

The Committee will assign berths on the special cars as orders for them are received, and the necessary financial arrangements will require a remittance of \$20 with the order for each berth. See form enclosed.

Programmes will be issued directly. The President of the Society, Henry Flad, Esq., will deliver the Annual Address at one of the sessions of the Convention.

Members are requested to transmit to the Secretary the papers they are willing to present in order that a place may be given them in the programme. The families of members are invited to accompany them to the Convention.

In order that the arrangements for transportation to and for accommodation at Denver may be perfected *it is necessary that the information covered by replies on inclosed blanks be sent to the Committee at once.* Reply at your earliest convenience.

House of the Society,
127 East 23d Street,

NEW YORK, May 25th, 1886.

WILLIAM R. HUTTON,
WILLIAM H. WILEY,
ROBERT B. STANTON,
A. M. WELLINGTON,
JOHN BOGART,

Committee.

AMERICAN SOCIETY OF CIVIL ENGINEERS.

ANNUAL CONVENTION, DENVER, COLORADO, JULY, 1886.

The titles of papers published in Transactions since the last Convention, or in preparation for publication, and upon which discussion is invited, are given below.

Members are particularly desired to take part in discussion upon any of the subjects presented, either by these papers of the past year or by new papers. Members are also requested to present papers upon other subjects.

PAPERS PUBLISHED DURING THE PAST YEAR.

302. (*May*, 1885.) The Problem of the Submerged Weir: Clemens Herschel.
303. (*May*.) Structural Steel: Edward B. Dorsey.
304. (*May*.) Electrical Transmission from Niagara: Benjamin Rhodes.
305. (*May*.) Harbor Works at Copenhagen: H. C. V. Moller.
306. (*May*.) Discussion on Levee Theory Tested by Facts: J. A. Ockerson.
308. (*June*.) Description of some Experiments made on the Providence, R. I., Water Works, to ascertain the Force of Water Ram in Pipes: Edmund B. Weston.
309. (*July*.) The Preservation of Timber: Report of the Committee.
310. (*August*.) The Preservation of Timber: Appendices to the Report of the Committee.
311. (*September*.) The Preservation of Forests: F. Collingwood.
312. (*September*.) The Preservation of Timber: Discussions on the Report of the Committee.
313. (*October*.) New Method of Making Conventional Signs on Original Topographical Maps: J. A. Ockerson.
314. (*October*.) Power Brakes for Freight Trains: William P. Shinn.
315. (*November*.) Report of the Committee on a Uniform System for Tests of Cement.
316. (*November*.) Behavior of Cement-Mortars under various contingencies of use: F. Collingwood.
317. (*November and December*.) The Cantilever Bridge at Niagara Falls: C. C. Schneider—with Discussion.
318. (*January*, 1886.) English and American Railroads compared. Edward B. Dorsey.
319. (*February*.) The Disintegration of the Egyptian Obelisk in the Central Park, New York: T. Egleston.
320. (*February*.) Formulas for the Weights of Iron and Steel Railway Bridges under Standard Specifications: George H. Pegram—with Discussion.
321. (*February*.) An Account of Some Observations of Street Traffic: Francis V. Greene.
322. (*February*.) Remarks on the Aeration of Water—Charles B. Brush—with Discussion.
323. (*March*.) The Abt System of Railway for Steep Inclines: Walton W. Evans.
324. (*March*.) Early Surveys and Reports in reference to the Transmission of Trade across the Allegheny Mountains in Pennsylvania, known as the Allegheny Portage: Moncure Robinson.
325. (*April*.) Discussions on the South Pass Jetties.
326. (*May*.) The Spongilla in Main Pipes: Desmond FitzGerald.
327. (*May*.) On Increasing the Accuracy of a System of Magnetic Bearings of a Survey: Olin H. Landreth.

- 328. (May.) Mexican Bridge Construction: J. Foster Flagg.
- 329. (May.) Excavation and Embankment by Water Power: Edward B. Dorsey.
- 330. (May.) Permanent Transmitting Dynamometer: Charles A. Smith.
- 331. (May.) Data for Flattening the Ends of Railroad Curves: Albon P. Man, Jr.
- 332. (May.) On Cranes as Labor-Saving Appliances: C. J. Appleby.
- 333. (May.) Thermometer Scales: Fred. Brooks.
- 334. (May.) The Steamship America: Robert Gordon.

ABSTRACT OF THE FOLLOWING PAPERS HAVE BEEN ISSUED IN RECORDS OF MEETINGS:

European Sewage and Garbage Removal: W. Howard White.

Water Works of Southington, Conn.: T. H. McKenzie.

On the Work done for the Preservation of the Dam at Holyoke, Mass., in 1885: Clemens Herschel.

Errors in Railroad Levels: H. V. Hinckley.

Evaporation: Desmond FitzGerald.

The following papers, not yet published, are also open for discussion. Abstracts of either of these will be sent to members who desire to discuss them.

Vibration of Bridges: S. W. Robinson.

Description of Guard Gates at the Point Street Bridge at Providence, R. I.: W. D. Bullock.

On the Strength of Columns: Discussing the Experiments which have been accumulated, and proposing new formulas: Thomas H. Johnson.

The Cause and Prevention of the Decay of Building Stone: T. Egleston.

On Specifications for Strength of Iron Bridges: Joseph M. Wilson.

New Formula for Compression Members: R. Krohn.

It is expected that papers on several interesting subjects will be presented.

Reports are expected from the following Committees:

On Uniform Standard Time; To Consider Changes in Organization; To Consider a Plan for Creating a Library for Joint Use; To Consider the Proper Relation to each other of the Sections of Railway Wheels and Rails; On the Compressive Strength of Cements and the Compression of Cements and Settlement of Masonry.

Discussion is requested upon any of the above subjects by members who cannot attend the Convention.

The Secretary will be glad to present these if forwarded to him previous to the Convention.

It is desirable that papers offered for presentation at the Convention be sent to the Secretary not later than June 12th, so that proper attention may be given the subjects presented.

JOHN BOGART,

Secretary Am. Soc. C. E.

May 25th, 1886.

CERTIFICATE OF AUTHORITY TO INDORSE DRAFT.

, 188 .

EXTRACT from the By-Laws or Records of the

of the City of , County of

and State of

*Know all Men by these Presents, That we,**of the above-named Company, do hereby certify that the foregoing is a true copy from the books of the Company; and we do further certify that**, is the of said**Company, (having been on , 18 ,)**and as such is authorized to receive and give receipts for all money due and payable to said Company from any source whatever, as shown by the above extract from its books; and that such authority remains unrevoked and unchanged at this date.*

[SEAL.]

President of the

Secretary of the

FORM 1779.

, 188 .

CERTIFICATE OF AUTHORITY TO INDORSE DRAFT.



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[SEAL.]

*President of the**Secretary of the*

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RESOLUTIONS COMPLIMENTARY.

The Action of the Harbor Commissioners on the Resignation of Prof. Mitchell.

The Commission Advisory to the Board of Harbor Commissioners yesterday adopted the following resolutions relative to the resignation of Professor Henry Mitchell:

Whereas, The Commission has received information that Professor Henry Mitchell, because of his resignation from the Coast and Geodetic Survey, has ceased to be a member of this Commission; and

Whereas, Professor H. Mitchell, at the time of his resignation, was the oldest member of this Commission, having served as a member since its creation in 1880; and

Whereas, Much of the good work accomplished is due to his zeal and great ability; and, while each member of the Commission has a feeling of personal loss in the separation caused by his retirement, they realize the greater loss the public service sustains in the retirement of such a distinguished and able official; therefore

Resolved, That the Commission Advisory to the Board of Harbor Commissioners of the city of Philadelphia place on record its high appreciation of Prof. Henry Mitchell as a scientist; its deep regret at his retirement; its thanks for the courtesy always shown toward his brother members, and its sincere and hearty wishes for success and happiness in his new sphere of life.